

IN THE CLAIMS

Please amend claim 30 and add claim 34 as shown below. A marked up version of the original claim 30 is shown on page 8.

c1
1. (previously amended) A computer readable medium having sequences of instructions stored therein, which when executed cause the processors in a plurality of computers that have been connected via a network to perform a process optimization method, comprising:

obtaining one or more process specifications and an organization ontology;
mapping specified process outputs to the organization using said ontology;
creating an organization optimization model using said mappings and ontology; and
simulating organization financial performance with said model to determine the optimal specification for the one or more processes.

2. (previously amended) The computer readable medium of claim 1 where the method further comprises identifying the optimal set of processes for the organization.

3. (previously amended) The computer readable medium of claim 1 where the process specification includes attributes from the group consisting of process budget, process features, process operating factors, process outputs, the relationship between process features and the process budget and outputs and combinations thereof.

4. (previously amended) The computer readable medium of claim 3 where the process features encapsulate all the different options for performing the process including any options for implementing a process performance option at a future date.

5. (previously amended) The computer readable medium of claim 3 where the process budget includes process expenses and process capital requirements.

6. (previously amended) The computer readable medium of claim 1 where process specification data is obtained from the group consisting of design systems, process systems, simulation systems, operating factor databases and combinations thereof.

7. (previously amended) The computer readable medium of claim 1 where the organization is a single product, a group of products, a division, a company, a multi-company corporation, a value chain, a government organization or a collaboration.

8. (previously amended) The computer readable medium of claim 7 where a collaboration is a joint effort between any combination of products, groups of products, divisions, companies, multi company corporations, value chains and government organizations.

9. (previously amended) The computer readable medium of claim 1 where an organization ontology comprises a common schema and the quantified inter-relationship between the elements, factors and risks that drive organization financial performance.

10. (previously amended) The computer readable medium of claim 9 where the elements are from the group consisting of alliances, brands, channels, customers, customer relationships, employees, equipment, knowledge, intellectual property, investors, partnerships, processes, products, quality, vendors, vendor relationships, visitors and combinations thereof.

11. (previously amended) The computer readable medium of claim 9 where the factors are from the group consisting of numerical indicators of conditions external to the organization, numerical indications of prices external to the organization, numerical indications of organization conditions compared to external expectations of organization condition, numerical indications of the organization performance compared to external expectations of organization performance and combinations thereof.

12. (previously amended) The computer readable medium of claim 9 where the risks are from the group consisting of contingent liabilities, event risks, variability risks, volatility and combinations thereof.

13. (previously amended) The computer readable medium of claim 9 where the common schema defines common attributes from the group consisting of data structure, organization designation, metadata standard and data dictionary.

14. (previously amended) The computer readable medium of claim 13 where the data dictionary defines standard data attributes from the group consisting of account numbers, components of value, currencies, elements of value, enterprise designations, external factors, organization designations, segments of value, risks, time periods, units of measure and combinations thereof and the metadata standard is an xml standard.

claim
15. (previously amended) The computer readable medium of claim 9 where the quantified inter-relationship between the elements, factors and risks is determined by segment of value and enterprise for aspects of organization financial performance.

16. (previously amended) The computer readable medium of claim 15 where the segments of value are from the group consisting of current operations, real options, derivatives, excess financial assets, market sentiment and combinations thereof.

17. (previously amended) The computer readable medium of claim 15 where an enterprise is a single product, a group of products, a division, a company or a government organization.

18. (previously amended) The computer readable medium of claim 15 where the aspects of organization financial performance are from the group consisting of revenue, expense, capital change, current operation returns, real option returns, derivative returns, excess financial asset returns, market sentiment returns, current operation risk, real option risk, derivative risk, excess financial asset risk, market sentiment risk, current operation value, real option value, derivative value, excess financial asset value, market sentiment value, organization returns, organization risk, organization value and combinations thereof.

19. (previously amended) The computer readable medium of claim 15 where the quantified interrelationship between elements, factors and aspects of financial performance is determined by a series of computations completed by algorithms from the group consisting of neural network; regression, generalized additive; support vector method, entropy minimization, generalized autoregressive conditional heteroskedasticity, wavelets, Markov, Bayesian, multivalent, multivariate adaptive regression splines, data envelopment analysis, path analysis and combinations thereof.

20. (previously amended) The computer readable medium of claim 1 where the optimization model is a multi-criteria optimization model or a single criteria optimization model.

21. (previously amended) The computer readable medium of claim 1 where optimal process specification includes the features that optimizes one or more aspects of organization financial performance from the group consisting of revenue, expense, capital change, current operation returns, real option returns, derivative returns, excess financial asset returns, market sentiment returns, current operation risk, real option risk, derivative risk, excess financial asset risk, market sentiment risk, current operation value, real option value, derivative value, excess financial asset value, market sentiment value, organization returns, organization risk and organization value.

22. (previously amended) The computer readable medium of claim 2 where optimal set of processes is the set that optimizes one or more aspects of organization financial performance from the group consisting of revenue, expense, capital change, current operation returns, real option returns, derivative returns, excess financial asset returns, market sentiment returns, current operation risk, real option risk, derivative risk, excess financial asset risk, market sentiment risk, current operation value, real option value, derivative value, excess financial asset value, market sentiment value, organization returns, organization risk and organization value.

23. (previously amended) The computer readable medium of claim 1 where simulations are completed using genetic algorithms or Monte Carlo simulations.

24. (previously added) The computer readable medium of claim 2 where the method further comprises displaying the organization value, optimal process specifications and the optimal set of processes using a paper document or electronic display.

25. (previously added) A method for creating an organization risk matrix that quantifies organization risks by segment of value and enterprise.

26. (previously added) The method of claim 25 where the organization is a single product, a group of products, a division, a company, a multi-company corporation, a value chain, a government organization or a collaboration and a collaboration is a joint

effort between any combination of products, groups of products, divisions, companies, multi company corporations, value chains and government organizations.

27. (previously added) The method of claim 25 where the risks are from the group consisting of contingent liabilities, event risks, variability risks, volatility and combinations thereof.

28. (previously added) The method of claim 25 where the segments of value are from the group consisting of current operations, real options, derivatives, excess financial assets, market sentiment and combinations thereof.

29. (previously added) The method of claim 25 where the contingent liability risks are quantified using real option algorithms while the event risks and variability risks are quantified by element of value and external factor for elements of value from the group consisting of alliances, brands, buildings, cash, channels, customers, customer relationships, employees, equipment, knowledge, intellectual property, inventory, investors, partnerships, processes, products, quality, securities, vendors, vendor relationships, visitors and combinations thereof and external factors from the group consisting of numerical indicators of conditions external to the organization, numerical indications of prices external to the organization, numerical indications of organization conditions compared to external expectations of organization condition, numerical indications of the organization performance compared to external expectations of organization performance and combinations thereof.

30. (amended) A computer readable medium having sequences of instructions stored therein, which when executed cause the processors in a plurality of computers that have been connected via a network to perform an organization integration method, comprising:

developing an organization ontology; and

using said ontology to guide the integration of any combination of data, information and systems to support organization processing.

31. (previously added) The computer readable medium of claim 30 where an organization ontology comprises a common schema and the defined inter-relationship between the elements, factors and risks that drive organization performance.

32. (previously added) The computer readable medium of claim 30 data are from the group consisting of: transaction data, descriptive data, geospatial data, text data, linkage data, semantic data and combinations thereof.

c1
omit

33. (previously added) The computer readable medium of claim 30 wherein systems are from the group consisting of: basic financial systems, advanced financial systems, web site management systems, operation management systems, supply chain management systems, risk management systems, customer relationship management systems, partner relationship management systems, channel management systems, knowledge management systems, visitor relationship management systems, intellectual property management systems, investor management systems, vendor management systems, alliance management systems, process management systems, brand management systems, workforce management systems, human resource management systems, email management systems, IT management systems, quality management systems, accounts receivable systems, accounts payable systems, capital asset systems, inventory systems, invoicing systems, payroll systems, purchasing systems, project management systems, design systems, simulation systems and combinations thereof.

c2

34. (new) A computer readable medium having sequences of instructions stored therein, which when executed cause the processor in a computer to perform an organization process method, comprising:

aggregating organization data in accordance with a common schema,
using at least a portion of the data to create matrices of organization value and risk,
combining the quantified inter-relationship between the elements, factors and risks identified by the matrices of value and risk with the schema to form an ontology;
obtaining specifications for one or more processes,
mapping the organization impact of specified process outputs using said ontology,
creating an organization optimization model using said impacts and ontology; and
simulating organization financial performance with said model to determine the optimal specification for the one or more processes.

Marked up original:

30. (previously added) A computer readable medium having sequences of instructions stored therein, which when executed cause the processors in a plurality of computers that have been connected via a network to perform an organization integration method, comprising:

developing an organization ontology; and

using said ontology to guide the integration of any combination of data, information and systems to support organization processing.